



Corres. and Mail
BOX AF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#6/8/NE1 AF/2863
V. M. P.
2/14/03

In re the Application of: **MORIUCHI, Takashi**

Group Art Unit: 2863

Serial No.: 09/942,581

Examiner: **WALLING, Meagan S.**

Filed: **August 31, 2001**

P.T.O. Confirmation No.: 9413

For: **MACHINE TOOL MAINTENANCE SYSTEM**

RESPONSE UNDER 37 CFR §1.116
- EXPEDITED RESPONSE -
GROUP ART UNIT 2863

BOX AF

Commissioner for Patents
Washington, D.C. 20231

February 11, 2003

Sir:

In response to the Office Action dated **December 2, 2002**, please amend the above-identified application as follows:

IN THE CLAIMS:

Amend claim 1 as indicated below:

1. **(Twice Amended)** A machine tool maintenance system for evaluating and controlling the static and/or dynamic characteristics of a machine tool having a main spindle unit and a feeder in trial operation of the machine tool, the machine tool maintenance system comprising:

at least one of a temperature sensor for detecting the temperature of the machine tool, displacement sensor for detecting displacement of a predetermined portion of the machine tool, acceleration sensor for detecting the acceleration acting on the machine tool, and a noise meter for detecting noise caused by the machine tool;